

A map of the MBTA service area, showing the dense network of bus routes in red and orange lines against a light blue background. The map covers the Greater Boston area, including the city of Boston and surrounding suburbs. The text is overlaid on the top left of the map.

MBTA Bus Facility Modernization Program New Quincy Maintenance Facility Update

Virtual Public Meeting
November 18, 2021
5:30 p.m.

How to Participate in the Meeting

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November 18, 2021
5:30 p.m.

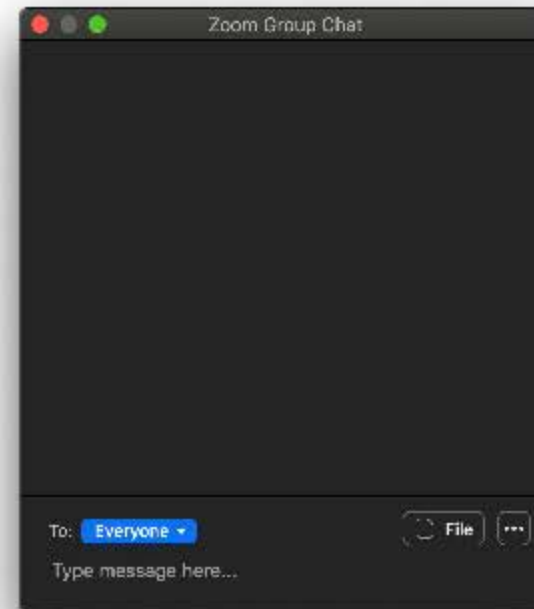
- Please use Zoom's "Raise Hand" feature to indicate if you have a comment. If you have a comment, please raise your hand and wait for the moderator to give you permission to speak.
 - By default, all attendees are muted so that only the presenters can be heard. When you raise your hand, it alerts the moderator that you'd like to speak. The moderator will unmute attendees to ask questions in the order that they raised their hands.



To speak, click
"Participants"
then
"Raise hand"



Send a chat
to the moderator



***9**
Raise Hand

Agenda

- MBTA Bus Facility Modernization Program Update
- Background and Overview of Project
- Project Updates
 - 75% design
 - Early construction activities
 - Shared-use path construction
- Project Timeline
- Questions and Comments



Bus Modernization Goals: Fleet and Facilities

The goals for the MBTA's Fleet and Facilities support the Bus Transformation's overall aim to center rider benefits through focus on equity, service, reliability, and sustainability.

- **Convert the entire bus fleet to zero emissions technology** and implementation of associated facility investments in support of Commonwealth's carbon reduction goals.
- **Modernize all bus maintenance facilities** to accommodate zero emissions technology and improve conditions for our workforce to support their efforts to keep our service reliable for our passengers.
- **Transition to a more uniform bus fleet replaced on a predictable, annual timetable** to reduce capital, maintenance, and operations costs in support of fleet reliability for our passengers.
- **Allow for an increase in fleet size** to position the MBTA's bus network redesign to meet the needs of growing ridership.

Top Priority: Replace the Quincy Bus Garage



BEB Strategy – Quincy Fleet Converted by 2025

MBTA plans to open Quincy facility with 45 battery electric buses (BEBs), transition remaining buses in 2025.



Benefits of BEBs:

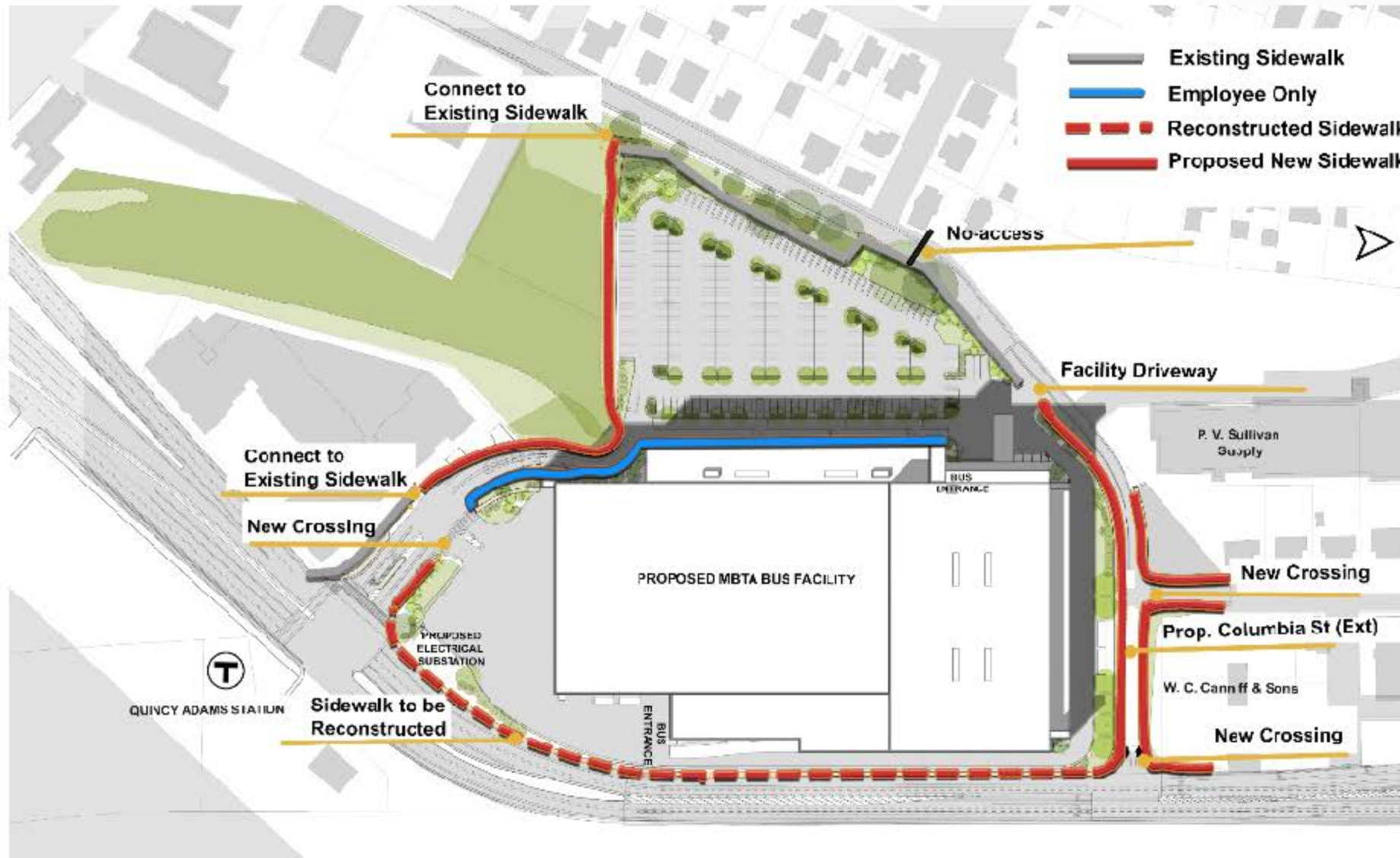
- **Quieter** – Noise from mobile sources will be lower with BEBs, although hybrids would also be able to operate within the facility on battery power.
- **Cleaner** – Emissions from mobile sources will be lower with BEBs, although hybrids would also be able to operate within the facility on battery power.

Existing schedules allow for seamless transition. Buses will be outfitted with supplemental heaters to maintain battery range on very cold days.

Project Overview

- New LEED and Envision certified 364,000 sf facility to support larger and future fleets by providing storage and maintenance for up to 120 Battery Electric Buses (BEBs).
- PV Solar Array on roof
- New shared-use path connecting Columbia Street to Burgin Parkway through Grasso Park
- New signalized intersection at Burgin Parkway and Columbia Street with sidewalk improvements along Burgin Parkway
- Extension of Columbia Street to Burgin Parkway

Site Plan



Proposed Site:

- 599 Burgin Pkwy
- 10.52+ acres
- Primary entry/exit: Penn Street
- Secondary entry/exit: Columbia St. Ext.
- Indoor operations

View from Taber at Columbia



View from DECO Apartments



Early Construction Activities

- Demolition of the existing building (formerly Lowe's) will be completed ahead of constructing the new facility.
- Additional activities include surface and subsurface demolition and installation of proposed utilities for future building construction to prepare and enable site for construction.
- This work is expected to begin in November 2021.
- Work will begin with mobilization, trailer setup, and erosion control.

Shared Use Path



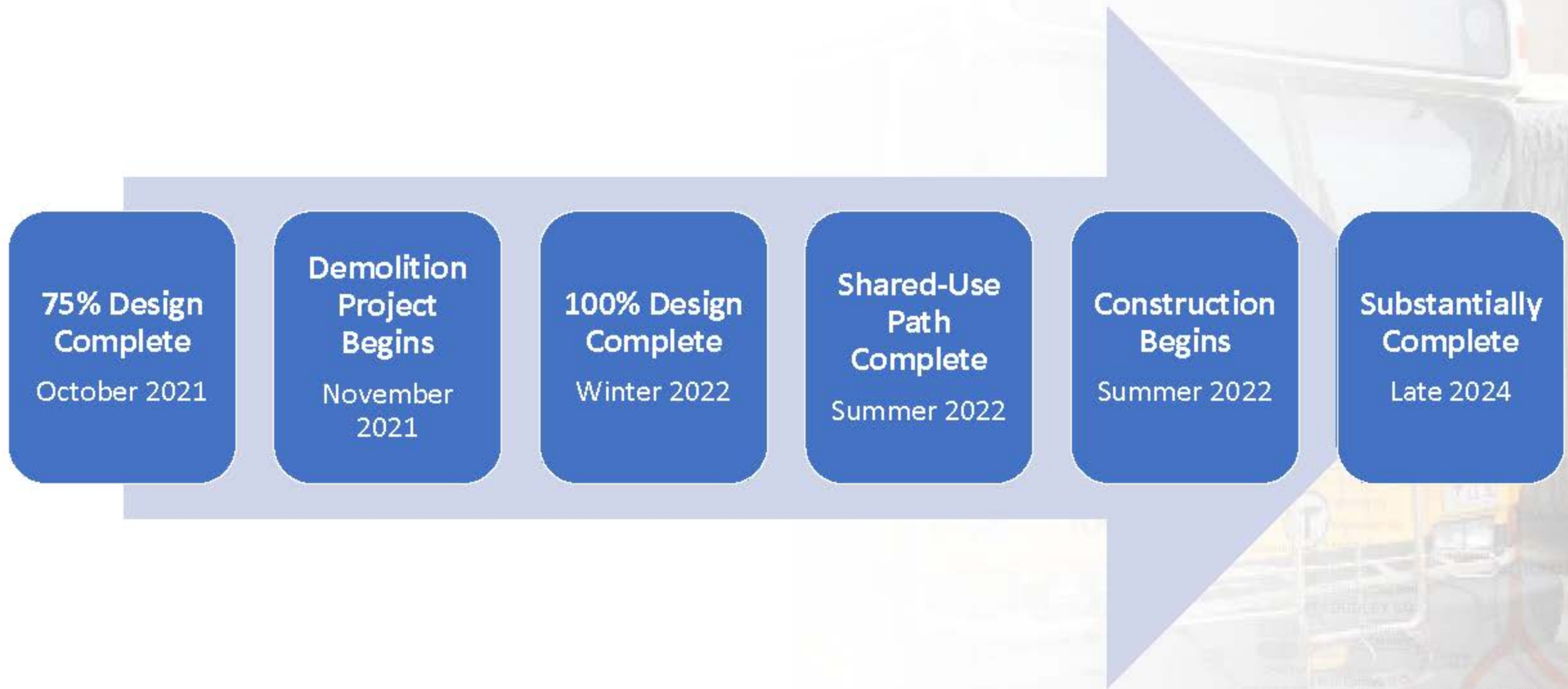
- As part of this project, the MBTA is building a shared use pathway connecting Grasso Park to Burgin Parkway.
- The path will be 10 feet wide to accommodate both pedestrians and bicyclists to provide a multimodal connection to Quincy Adams Station.
- Path will be built ahead of construction on the new facility.



Shared Use Path



Project Timeline



Q/A

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Visit **mbta.com/quincybus** for updates!

